

**METHOD AND SYSTEM FOR
OPTIMALLY ALLOCATING ORTHOGONAL CODES**

ABSTRACT OF THE DISCLOSURE

5 A method for allocating orthogonal codes, whereby
the product of a number of active users in the system and
the average number of sectors servicing each user is
determined, and sufficient orthogonal codes are allocated
to service the product of **F** and the optimal number of
active users in the system. At least one message is
10 transmitted for reception by at least one mobile station,
the message indicating the number of allocated orthogonal
codes.

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